

M. A. R. 57 (Rule 116)
Measurement Book

No. B

1st & Final.

BR 160/31.05.2014

178623

Providing B.S. slab drain and Metalling in chinamma layout
Varanarayana Shamy temple road at Kamnigondanahalli in ward no-12
Contractor of nature of Agency: B.T. Ravikumar
Est cost:- 20.04
Commencement of work: NOEE/DD/ No/218/13-14 D:- 27/1/14 Jci-012-14-000012

Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
		Length 4	Breadth 5	Depth 6		
Earth work excavation for foundation of buildings adverts water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches complete as per specifications. By vide pg no. 178618/2 of this M.B.					494.68 cum @ 145=44 N/- 71946=00	

MEASUREMENT BOOK

Date	1	Full description, etc. of work	2	Dimensions					Contents	Remarks
				3 Number	4 Length	5 Breadth	6 Depth	7		
	I-2	providing granite slabs selected dressed and fixed in cement mortar (1:6) including fixing curving etc. complete as per specifications.		$2 \times 30.0 \times 1.80$ $2 \times 30.0 \times 1.80$ $2 \times 30.0 \times 1.80$ $2 \times 30.0 \times 1.80$ $2 \times 30.0 \times 1.80$ $2 \times 36.0 \times 1.80$ $2 \times 31.0 \times 1.80$ $2 \times 50.0 \times 1.80$ $2 \times 50.0 \times 1.80$ $2 \times 34.0 \times 1.80$				108.0 sqm 108.0 sqm 108.0 sqm 108.0 sqm 129.60 sqm 117.60 sqm 180.00 sqm 180.00 sqm 102.40 sqm		

Work From To
Contractor of nature of Agency
Commencement of work

Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6	
	2	50.0	1.80	= 180.0 sqm	
	2	50.0	1.80	= 180.0 sqm	
	2	34.0	1.80	= 122.4 sqm	
				1638.0 sqm	
				1605.6 sqm	
Limited to tender Qty				2329.19	
					1 - 528547=00
Providing and laying in position plain cement concrete of mix M-15 with opc cement @ 160 kgs with 40mm and down size graded granite metal coarse aggregate @ 0.86 cum and fine aggregate @ 0.58 cum machine mixed.					

MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions				Contents	Refer to Measurement
		Number	Length	Breadth	Depth		
I-4	Concrete laid in layers not exceeding 15cm thick well compacted in foundation compact as per specifications. Qty vide pg no. 178618/1 of this M.B. Providing and laying in position plain cement concrete of mix M-15 with cement @ 240 kgs with 20 mm and down size graded granite metal coarse aggregate @ 0.878 cum and fine aggregate @ 0.459 cum machine mixed concrete laid in layers not exceeding 15cm thick well compacted foundation, with 2 dia. compact as per specifications.					1.20m 8969.92 88583.50	

Work From To
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Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6	
	2	5.80	$\frac{0.75+0.45}{2}$	$\times 0.90 = 6.26 \text{ cum}$	
	2	6.30	$\frac{0.75+0.45}{2}$	$\times 0.90 = 6.80 \text{ cum}$	
	2	6.0	$\frac{0.75+0.45}{2}$	$\times 0.90 = 6.48 \text{ cum}$	
	2	5.80	$\frac{0.75+0.45}{2}$	$\times 0.90 = 6.26 \text{ cum}$	
				25.80 cum	
				(a) 4589=00	
				4580=67	
				RSI- 118/81=00	
Providing and laying cement concrete using 20 mm sized and down size granite jelly of ready mixed concrete (RMC) for R.C.C. works and 15 cm thick					

MEASUREMENT BOOK

1 Date	2 Full description, etc, of work	Dimensions				7 Contents	8 Refer to la Measure
		3 Number	4 Length	5 Breadth	6 Depth		
I-6	Providing TMT Steel reinforcement for R.C. work including straightening & bending, hooking & lapping and or welding wherever beams. raft foundation, column footing, main & secondary With all lead & lift R.M.C. M-20 (1:1.5:3) for scaffolding & with stands, pumping of concrete With necessary cement mortar form work & layer & well compacted vibrating during finishing	43	180	60	23	9.94 m 6196 = Sq 61594 = 0	

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No. B 178626

From To

Factor of nature of Agency.....

Commencement of work.....

Full description, etc., of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
		Length 4	Breadth 5	Depth 6		
aired tying with binding with complete as per specifications vide pg no. 178622/1 of this M.B.					12.24 @ 7074 = 42 158 - 86803 = 00	
providing and removing centering Shuttering Strutting etc., and removal of form work for vertical face Such as walls of any thickness including attached buttresses plinth complete as per specifications. vide pg no. 178622/2 of this M.B.					86.40 cum @ 259 = 89.18 - 22449 = 00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurment
		Number	Length	Breadth	Depth		
I-8.	Earth works in surface excavation in hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains & trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m up to 1.5m excavated surface levelled & neatly dressed complete as per specifications.	178619 1/2 of this M.B.	169-#	184.19m	133/32-00		
I-9	providing jacking spreading and compacting stone aggregate of specific sizes to water-bound macadam						

Work From To
Contractor of nature of Agency
Commencement of work

Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6	
Specifications including spreading in uniform thickness and packing rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber applying and brooming requisite type of interstices Complete cu per specifications vide pg no. 178627 of this M.B. providing laying spreading and compacting stone				336.08 @ 1427.51 479757.00	

MEASUREMENT BOOK

Date		1	
Full description, etc, of work		2	
Dimensions	Number	3	
	Length	4	
	Breadth	5	
	Depth	6	
Contents		7	
Refer to last Measure		8	

aggregates of specific	sizes to water bound macadam	spreading in uniform thickness	Steel/vibratory	hand packing rolling with 3 wheeled	roller 8-10 tonnes in stages to proper grade and	camber copying and dressing requisite type of	Screening/binding material to fill up the interstices of	coarse aggregate composite as per specification grading II	
C 40/35		1 x 30.0 x 3.6 + 4.6		1 x 50.0 x 4.6 + 4.6		1 x 4.30 x 4.6 + 4.6		Avg	
		2		2		2		2	
		28/13		28/13		28/13		28/13	

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Work From To

Contractor of nature of Agency.....

Commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
		Length 4	Breadth 5	Depth 6		
C/Sole @ 29/5	1	31.0	$\frac{4.7+4.8}{2}$	$\times 0.075$	11.04 cu	✓
	1	30.0	$\frac{5.9+5.8}{2}$	$\times 0.075$	13.16 cu	✓
	1	9.0	$\frac{5.8+5.7}{2}$	$\times 0.075$	3.88 cu	✓
	7	30.0	$\frac{3.9+4.0}{2}$	$\times 0.075$	8.89 cu	✓
	7	30.0	$\frac{4.0+4.8}{2}$	$\times 0.075$	9.90 cu	✓
	1	30.0	$\frac{4.8+4.8}{2}$	$\times 0.075$	9.90 cu	✓
	1	30.0	$\frac{4.8+4.8}{2}$	$\times 0.075$	10.80 cu	✓
	1	14.1	$\frac{4.8+4.7}{2}$	$\times 0.075$	5.02 cu	✓

MEASUREMENT BOOK

1 Date	2 Full description, etc. of work	3 Dimensions			6 Depth	7 Contents	8 Refer to last Measur
		Number	Length	Breadth			
		1 x 26.0 x	5.1+5.0	2	1 x 0.075	9.85m	
		1 x 30.0 x	5.1+5.1	2	1 x 0.075	11.48m	
		1 x 30.0 x	5.1+4.9	2	1 x 0.075	11.25m	
		1 x 30.0 x	4.9+4.8	2	1 x 0.075	10.91m	
		1 x 30.0 x	4.8+4.7	2	1 x 0.075	10.69m	
		1 x 19.0 x	4.7+4.5	2	1 x 0.075	6.56m	
		1 x 35.0 x	4.9+4.7	2	1 x 0.075	12.60m	
		1 x				168.04m	
						1551.73	
						151.73	

28/5/57

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No. B

178629

Work From To
Contractor of nature of Agency
Commencement of work

Full description, etc, of work 2	Number 3	Dimensions		Depth 6	Contents 7	Reference to last Measurement 8
		Length 4	Breadth 5			
Carriage of mixed materials 10 k m Qty vide item no ⑨ + ⑩ 326.08 + 168.04 Disposal of debris to the final place of disposal with all lead & lift and as directed by the Engineer in charge of the work Qty vide item no - ① + ⑧ 494.68 + 784.19 Total Amount:-					504.12 m @ 53 = 83 M - 27136 = 00 1285.00 1284.98 @ 69 = 69 M - 89552 = 00 89550	

MEASUREMENT BOOK

Reference to last Measureme	Contents	Dimensions				Full description, etc, of work	Date
		Depth	Breadth	Length	Number		

1) certified that contractor has done the work satisfactory
 2) certified that contractor has removed all debris from work spot.
 3) certified that there is no due work from contractor side

[Handwritten signature and notes in the left margin]

Audited and admitted for Rs. 1908383-

Passed by Cheque for Rs. 1756060-

by adjustment Rs. 152373-00

[Signatures and stamps in the right margin]

[Handwritten date: 29/5/14]

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Full description, etc, of work 2	Dimensions			Depth 6	Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5			

Pauli N.K.
.. 29/5/14.

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಧೀನದಲ್ಲಿ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು